**The Form #U – 3.04**

MINISTRY OF HEALTH OF UKRAIN

KHARKIN NATIONAL MEDICAL UNIVERSITY

APPROVED  
Vice-rector for scientific  
educational work

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**SYLLABUS OF THE COURSE**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Care for patients, practice\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**(The title of the course)**

Training direction\_\_\_\_\_\_\_\_\_ 1201 "Medicine" \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 (The code name and field of study)

specialty\_\_7.12010001 Medicine,  
       \_\_\_7.110105 "Medical prophylaxis"\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 (code and name of specialty)

specialization \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
 (name of specialization)

Institute faculty \_\_\_ Kharkiv National Medical University,

\_\_\_\_V faculty of foreign students \_\_\_\_\_\_

(name of institution, faculty)

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| --- | --- | --- |
| The work program adopted at the session of the Fundamental Medicine#2  Protocol of "28" September 2015 number 1  Head of Department  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Klimenko V.A.                (signature) (surname and initials)  “\_\_\_”\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 20\_\_ |  | Approved methodical commission on problems KhNMU \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_                           (Title)  Protocol of "\_\_\_\_" \_\_\_\_\_\_\_\_ 20\_\_\_ year № \_\_\_  chairman \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ (signature) (surname and initials) "\_\_\_\_" \_\_\_\_\_\_\_\_\_\_\_ 20\_\_\_\_ year |

The Developers:

Klimenko Viktoria - the head of the department of Fundamental Medicine #2, associate professor, [Dr.scient.med](http://www.multitran.ru/c/m.exe?t=4762078_1_2&ifp=1&s1=Dr.scient.med).,

Sivoplyas-Romanova Hanna, associate professor, PhD.

1. **The purpose and objectives of the course**

The purpose of the study “Care for patients, practice “ is to reach the ultimate goals which are based on OPP training general practitioners and is the basis for the construction of the course content. The description objectives are formulated through ability as target tasks (actions). The ultimate goals to each section are defined on the basis of specific targets in the form of certain abilities (actions), targets that achieve the ultimate goal of the discipline. On the basis of the ultimate goals to each section defined specific targets in the form of certain abilities (actions) targets that achieve the ultimate goal of the internship.

**Objective:** To develop the skills of nursing care for the child, depending on age. Following the completion of the course the student **should know:**

* the peculiarities of medical ethic and deontology in work with ill children and their relatives;
* the peculiarities of care for ill children of different age;
* the principles organization of sanitary-hygienic regime of the pediatric department, sanitary-hygienic handle/work of the sick child.
* the methods of anthropometry.

**And to be to:**

* to use knowledge of the peculiarities of medical ethic and deontology in work with ill children and their relatives;
* to gain skills of care for ill children of different age;
* to maintain sanitary-hygienic regime of the pediatric department
* to carry out anthropometry of children.

Nursing practice is taken by conducting practical classes, independent work, and consultations. During practice students continue acquaintance with the clinic and directly communicate with patients so student’s working time consist of two parts:

1) theoretical material about specifics of hospital and basic manipulations and their testing under the supervision of a teacher (in the form of practical classes – classroom part of practice);

2) self-study of student in hospital departments and reinforce their knowledge and skills.

Practical lessons take 2 academic hours.

1. **The program of the course**

**Section 3 of the discipline "Care for patients".**

**Topic 1. The importance of care of the sick in the diagnostic and treatment of children. Structure and function of children’s hospital and out-patient department.**

Peculiarities of deontology of medical staff in work with children and their relatives. The main professional duties of junior staff and nurses in the hospital and out-patient clinics. Principles of professional subordination in system pediatrician- nurse- junior staff. The moral-ethics basis of forming of the medical specialist in Pediatrics. Structure of pediatric hospital and out-patient clinic. The main departments and staff rooms in the hospital and out-patient clinic.

***Practical skills of topic 1:***

* to know the main laws of work of junior medical staff in pediatric department;
* to know the main rules of relationship with ill children and their relatives;
* to know the main professional duties (job description) of junior staff pediatric department;
* to fill in medical documentation in pediatric department and out-patient clinic;
* to know and to maintain the rules of sanitary-hygiene and antiepidemic regimes in pediatrics department.

**Topic 2.** **Admission department of the children hospital. Hospitalization, sanitarization and transportation (transfer) of the ill children. Organization of the sanitary-hygienic and antiepidemic regime. Personal hygienic of medical staff.**

Function of the admission department of the admitted and sent the patients to the pediatrician departments.Sanitary-hygienic regime of the admission department, sanitary-hygienic handle/work of the sick child. Examination of a child for pediculosis and scabies. Treatment of a child with pediculosis and scabies. Notion about therapeutic and protective, sanitary and hygienic regimes, peculiarities of its use in the children hospital. Notion about the personal hygiene of the medical staff.

***Practical skills of topic 2:***

* to make primary examination of ill children in admission department;
* to examine children for scabies and pediculiosis;
* to carry out sanitary care of ill child on admission department;
* to transport of patients on wheelchair and stretcher;
* to shift the seriously ill children;
* to use and acquisition of functional beds comfortable position the patient;
* to prepare of disinfectant solutions and sanitizing facilities pediatric department;
* to conduct anthropometric measurements (height, weight, sight head and thorax) in children of all ages.

**Topic 3. Peculiarities of a newborn and infant and care in the children hospital.** **Disinfection and sterilization of articles of care for children.**

Personal hygiene according age and sex. Newborn period. Adaptation of the newborn. Care for umbilical wound. Oral cavity care during candidosis (thrush). Infant care for skin, eyes, nose, ears. Swaddle of an infant. Notion about disinfection and sterilization of articles of care for children (processing measuring glasses, chamber pots, toys, bottles, nipples, thermometers, tables for swaddling after using).

***Practical skills of topic 3:***

* to know the rules of juniper medical staff in work with newborns;
* to take core for umbilical cord and umbilical wound;
* to swaddle newborn;
* to carry out for eyes, ears, nose and oral cavity of newborn;
* to carry out intimate washing of early age child depending on age;
* to carry out disinfection and sterilization of articles of care for children (processing measuring glasses, chamber pots, toys, bottles, nipples, thermometers, tables for swaddling after using).

**Topic 4. Hygienic and medicated bath. Usage of enemas in children.**

Hygienic and medicated bath. of underwear and bed-clothes. The peculiarities of the procedure of severe and sick patient. The main types of enemas in pediatrics, methods and rules of their use for children of different age.

* to carry out hygiene and medicated bathes;
* to change bedclothes;
* to know the technique of carrying out of cleansing, oil and hypertonic enemas;
* to use urine bag;
* to know the technique of carrying out prophylaxis of bedsores;

**Final class,** including control of practical skills of situation tasks, test control of theoretical knowledge.

1. **Description of the course**

|  |  |  |  |
| --- | --- | --- | --- |
| Name of indicators | Industry of knowledge, direction of training, education level | Characteristics of the course | |
| **Full-time education** | **Evening-time education** |
| **Number of credits – 1,6** | Training direction  1201 "Medicine"  (code name) | **Regulatory**  (optional) | |
| Total hours - 47 | Specialty:  7.12010001 Medicine  7.110105 "Medical prophylaxis"    (code name) | **Year of training:** | |
| II | **-** |
| **Semester** | |
| IV | **-** |
| **Lectures** | |
| Hours for full-time education:  classroom - 9,  self-learning - 38 | Education level: specialist | **-** | **-** |
| **Practical classes, seminars** | |
| **9 h** | **-** |
| **Laboratory classes** | |
| **-** | **-** |
| **Self-learning** | |
| **80 h** | **-** |
| **Individual tasks**  **-** | |
| **Type of control:** grading test | |

1. **The structure of the course**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Titles of disciplines section and themes | Number of hours | | | | | |
| The form of study (full-time) | | | | | |
| Total | Including | | | | |
|  | lec | class | lab | ind | self |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Section of discipline # 1 | | | | | | |
| Topic 1. The importance of care of the sick in the diagnostic and treatment of children. Structure and function of children’s hospital and out-patient department. |  |  | 2 |  |  | 9,5 |
| Topic 2. Admission department of the children hospital. Hospitalization, sanitarization and transportation (transfer) of the ill children. Organization of the sanitary-hygienic and antiepidemic regime. Personal hygienic of medical staff. |  |  | 2 |  |  | 9,5 |
| Topic 3. Peculiarities of a newborn and infant and care in the children hospital. Disinfection and sterilization of articles of care for children. |  |  | 2 |  |  | 9,5 |
| Topic 4. Hygienic and medical bath. Use enemas in children. |  |  | 2 |  |  | 9,5 |
| **Final class** |  |  | 1 |  |  |  |
| Total for section # 1 |  |  | 9 |  |  | 38 |

1. **Topics of lectures are not planned.**
2. **Topics for seminaries are not planned.**
3. **Topics for laboratory classes are not planned.**
4. **Topics for self-learning.**

|  |  |  |
| --- | --- | --- |
| The order number | **Topic** | Number of hours |
| 1 | Topic 1. The importance of care of the sick in the diagnostic and treatment of children. Structure and function of children’s hospital and out-patient department. | 9,5 |
| 2 | Topic 2. Admission department of the children hospital. Hospitalization, sanitarization and transportation (transfer) of the ill children. Organization of the sanitary-hygienic and antiepidemic regime. Personal hygienic of medical staff. | 9,5 |
| 3 | Topic 3. Peculiarities of a newborn and infant and care in the children hospital. Disinfection and sterilization of articles of care for children. | 9,5 |
| 4 | Topic 4. Hygienic and medical bath. Use enemas in children. | 9.5 |
| Total **hours for self-learning** | | 38 |

1. **Individual tasks are not planned.**
2. **Teaching methods**

According to the curriculum, the types of students’ educational activities include: a) lectures, b) practical classes, c) self-training of students (STS), d) summative assessment (final classes with a grading test in the end), e) tutorials.

Practical classes are conducted pursuant to the conveyor principle according to topics and process charts. The duration of practical classes is 2 hours (1 hour for the first class), with 1 hours devoted to the defense of a medical case history. Classes are held in the children's sections of the department’s clinical base.

**12. Control methods**

***Current educational activity*** (hereinafter - the ***CEA***) is carried out by the teacher of an academic group. After the students have mastered each topic of the course their academic achievements are evaluated on a 4-point (traditional) scale. The teacher automatically receives the average semester grade (with the accuracy up to one hundredth) for everyday activity via the electronic journal of the ACS system. Subsequently, if in the current semester the academic course ends with a test, the average grade of the current academic progress is converted into a 200-point ECTS scale, but if the academic course is not completed in the current semester, the academic control in the semester is current or there is a test. In this case the lecturer transforms the average grade of the student’s current academic progress into a 120-point ECTS scale.

***Current educational activity of students*** is controlled during practical classes according to specific goals. The following means are used to determine the level of the students’ readiness for practical classes: tests, case problem-solving, oral examination, interpretation and evaluation of the results of laboratory and instrumental studies, the control of practical skills etc.

The topical curriculum provides for **two summarizing classes** with compulsory control of practical skills, the assessment of clinical and laboratory data as well as instrumental examinations of healthy and sick children and the issue of rational feeding of infants. In addition, students draw up and defend a child's medical case history.

***The final class*** (hereinafter - ***FC***) is conducted after a logically completed part of the course which consists of a set of educational elements of the working program combining all types of training (theoretical, practical etc.) as well as the elements of education and vocational training (academic course, all types of practices, assessment), which are implemented by the respective forms of the academic process.

The final class (***FC***) is held by the teacher of an academic group. The forms in which the ***FC*** is conducted should be standardized and should include supervision of all types of training (theoretical, practical, self-practice and others) envisaged in the working program of course. Students are estimated by traditional grades at the final class.

Aspects to be checked:

1. the level of knowledge development regarding the scientific and theoretical content of the section acquired during classes (the form of tests, structured tasks etc.);
2. the level of development of compulsory skills and abilities that are a part of the section;
3. completion of the student’s individual tasks;
4. the amount of educational material attributed to self-training as separate educational topics (controlled in the form of tests).

**The grade for the section** consists of the sum of grades for current educational activity (in points) and of the grade for the final class (in points), which is awarded in the course of the evaluation of theoretical material and practical skills in accordance with the list determined by the practice program.

The **maximum number of points** which may be consequently obtained by students is 200 points; this includes 120 points for current educational activity and 80 points for the final lesson.

***Current educational activity of students*** is controlled during practical classes according to specific goals in the course of each practical class as well as during self-training in the hospital department. It is recommended to apply the following means of diagnostics of the students’ level of readiness: control of practical skills, solving cases and test control of theoretical knowledge.

The current assessment of students on respective topics is conducted in the traditional 4-point grade scale ("excellent", "good", "satisfactory" and "unsatisfactory") with further conversion into a multiscore scale.

**The grade "Excellent"** is given when the student knows the program in toto, illustrating the answers with various examples; gives clear and comprehensive answers without any hints; delivers the material without any inaccuracies or errors; performs practical tasks of a different degree of complexity.

**The grade "Good"** is given when the student knows the whole program and understands it well, gives correct, consistent and structured but not completely comprehensive answers to questions, although he is able to answer additional questions without mistakes; solves all cases and performs practical tasks experiencing difficulties only in the most complex situations.

**The grade "Satisfactory"** is given to the student based on his satisfactory level of knowledge and understanding of the entire subject. The student is able to solve modified tasks with the help of hints; solves cases and applies practical skills experiencing difficulties in simple cases; is unable to deliver a consistent answer, but answers direct questions correctly.

**The mark "Unsatisfactory"** is given when the student's knowledge and skills do not meet the requirements of the grade "satisfactory".

Given the number of practical classes the grades are converted into the multiscore scale as follows:

**The mark "Excellent" – 72-80 scores**

**The mark "Good" – 60-71 scores**

**The mark "Satisfactory" – 50-59 scores**

**The mark "Unsatisfactory" – 0 scores**

**13. Conversion of the average grade for current activity**

**into a multiscore scale.**

The conversion is performed under the "Instruction on the evaluation of academic activity of students…" (Table 1).

Table 1

**Conversion of the average score for current activity into a multipoint scale**

**(for courses that end with a grading test)**

| 4-point scale | 200- point scale |  | 4-point scale | 200- point scale |
| --- | --- | --- | --- | --- |
| 5 | 120 | 3.91-3,94 | 94 |
| 4.95-4,99 | 119 | 3.87-3,9 | 93 |
| 4.91-4,94 | 118 | 3.83- 3,86 | 92 |
| 4.87-4,9 | 117 | 3.79- 3,82 | 91 |
| 4.83-4,86 | 116 | 3.74-3,78 | 90 |
| 4.79-4,82 | 115 | 3.7- 3,73 | 89 |
| 4.75-4,78 | 114 | 3.66- 3,69 | 88 |
| 4.7-4,74 | 113 | 3.62- 3,65 | 87 |
| 4.66-4,69 | 112 | 3.58-3,61 | 86 |
| 4.62-4,65 | 111 | 3.54- 3,57 | 85 |
| 4.58-4,61 | 110 | 3.49- 3,53 | 84 |
| 4.54-4,57 | 109 | 3.45-3,48 | 83 |
| 4.5-4,53 | 108 | 3.41-3,44 | 82 |
| 4.45-4,49 | 107 | 3.37-3,4 | 81 |
| 4.41-4,44 | 106 | 3.33- 3,36 | 80 |
| 4.37-4,4 | 105 | 3.29-3,32 | 79 |
| 4.33-4,36 | 104 | 3.25-3,28 | 78 |
| 4.29-4,32 | 103 | 3.21-3,24 | 77 |
| 4.25- 4,28 | 102 | 3.18-3,2 | 76 |
| 4.2- 4,24 | 101 | 3.15- 3,17 | 75 |
| 4.16- 4,19 | 100 | 3.13- 3,14 | 74 |
| 4.12- 4,15 | 99 | 3.1- 3,12 | 73 |
| 4.08- 4,11 | 98 | 3.07- 3,09 | 72 |
| 4.04- 4,07 | 97 | 3.04-3,06 | 71 |
| 3.99-4,03 | 96 | 3.0-3,03 | 70 |
| 3.95- 3,98 | 95 | Less than 3 | Not sufficient |

**14. Methodical support**

1. Methodical recommendations of the department.

2. Tables, scales, height meters, centimeter tapes, tonometers, phonendoscopes, spirographes, electrocardiographes, medical case histories, training dummies.

**15. Recommended literature**

1. **1.** Kapitan T. Propaedeutics of children’s diseases and nursing of the child: Textbook for students of higher educational institutions. – Vinnitsa: The State Cartographical Factory, 2006. – 736 pp.
2. Kliegman: Nelson Textbook of Pediatrics, 18th ed.
3. Care for the Children in the medical-diagnostic process: Practical manual for 2nd year students of higher medical educational establishments / T. Frolova, I. Siniaieva, N.Stenkova, I. Tereshenkova. – Kharkiv: Publishing house ‘Raritets of Ukraine’, 2011. – 134 p.

**16. Information recourses**

**1.** The library of Kharkiv National Medical University;

2. Repositarium of Kharkiv National Medical University;

3. Internet.